

Title (en)
X-RAY REDUCTION SYSTEM

Title (de)
RÖNTGENSTRAHLENREDUKTIONSSYSTEM

Title (fr)
SYSTÈME DE RÉDUCTION DE RAYONS X

Publication
EP 2822469 A2 20150114 (EN)

Application
EP 13718386 A 20130226

Priority
• US 201261606375 P 20120303
• IB 2013051541 W 20130226

Abstract (en)
[origin: WO2013132387A2] An x-ray system comprising an x-ray source, a single essentially round collimator, a camera, a detector and a monitor, means for moving the collimator in a plane generally parallel to the plane of the collimator; and the collimator comprising a central aperture that allows all the radiation to pass through, an outer annulus that reduces the radiation passing through at an amount depending on the material and the thickness of the material and an inner annulus between the central aperture and the outer annulus, with thickness changing as a function of the distance from the center, starting at thickness zero on the side of the central aperture and ending at the thickness of the outer annulus on the side of the outer annulus.

IPC 8 full level
A61B 6/06 (2006.01); **A61B 6/00** (2006.01); **A61B 6/08** (2006.01)

CPC (source: EP US)
A61B 6/06 (2013.01 - EP US); **A61B 6/08** (2013.01 - EP US); **A61B 6/469** (2013.01 - EP US); **A61B 6/485** (2013.01 - US); **A61B 6/487** (2013.01 - EP US); **A61B 6/52** (2013.01 - US); **A61B 6/5205** (2013.01 - EP US); **A61B 6/542** (2013.01 - EP US); **A61B 6/545** (2013.01 - EP US); **A61B 6/582** (2013.01 - EP US)

Citation (search report)
See references of WO 2013132387A2

Cited by
US10342505B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2013132387 A2 20130912; **WO 2013132387 A3 20131205**; **WO 2013132387 A4 20140227**; CN 104540452 A 20150422; CN 104540452 B 20170510; EP 2822469 A2 20150114; HK 1206574 A1 20160115; JP 2015513423 A 20150514; KR 20140135178 A 20141125; US 2015023466 A1 20150122; US 9592014 B2 20170314

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IB 2013051541 W 20130226; CN 201380023437 A 20130226; EP 13718386 A 20130226; HK 15107048 A 20150723; JP 2014559334 A 20130226; KR 20147024644 A 20130226; US 201314380743 A 20130226